SIEMENS

LITHOSTAR Multiline

SP

Installation and Setting Instructions

Power Upgrade Energy Level 12

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Document revision level

The document corresponds to the version/revision level effective at the time of system delivery. Revisions to hardcopy documentation are not automatically distributed.

Please contact your local Siemens office to order current revision levels.

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Reason for the Upgrade

Higher energy may be necessary for special applications in lithotripsy. A conversion kit was developed for this application.

Working time

1 technician, 1 hour

Application on systems/units

LITHOSTAR Multiline 31 27 011 J1042.

Notice	**The option "Power Upgrade Energy Level 12" can only be utilized on systems with host software VD00A (Revision 06) installed.**

Required tools and measuring equipment

- Service PC with WIN 3. 11 / 95/98 operating system
- PC connecting cable 5m 99 00 440 RE999
- Standard service tool kit

Prerequisites:

The software revision 06 according to UI SP013/01P, order number RXL2-120.896.02.01.. is installed.

Contents of the Kit Power Upgrade Energy Level12

Update Kit **11 57 648** contains the following parts:

Pos.	Quan.	Part No.	Name
1	1	16 68 800	EPROM W15/J3 VA00A
2	1	11 57 655	EPROM W16/J2 VC00B

Tab. 1

Changes on board W15

Replace PROM J3 by the PROM 16 68 800 (VA00A) supplied on board W15.

Changes on board W16

Replace PROM J2 by the PROM 11 57 655 (VC00B) supplied on board W16.

Selection of Energy Level 12

(see also Service software/ Software parameters / Monitoring RXL2-120.032.02.04..)

- System on.
- Connect Service PC.
- Start service software.
- Dial "System Logon".
- Dial "Adjustment".
- Dial "Parameter".
- Dial "Get from Unit".
- Select "Interface Shockwavesystem".
- Rearrange "actuell Value" of "full energy range yes/no" from 00 to FF.
- Dial "Set value".
- Dial "put to unit".
- Await Reset.
- Carry out a backup of the parameters after completion.

Checks

- Bring unit into therapy position.
- Produce coupling pressure.
- Select energy levels from 0.5 to 12 succesively on the control keyboard and test shockwave release.

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